



PTO/SB/08A (08-03)

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/544,146
Filing Date	August 2, 2005
First Named Inventor	Shyam S. Mohapatra
Art Unit	1646
Examiner Name	

Sheet

1

of

5

Attorney Docket Number

USF-T193XC1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
PS	U1	US-2005/0266093 A1	12-01-2005	Mohapatra	All
	U2	US-2005/0159385 A1	07-21-2005	Mohapatra	All
	U3	US-2005/0158327 A1	07-21-2005	Mohapatra et al.	All
	U4	US-2004/0175384 A1	09-09-2004	Mohapatra et al.	All
	U5	US-2004/0029275 A1	02-12-2004	Brown et al.	All
	U6	US-2004/0023390 A1	02-05-2004	Davidson et al.	All
	U7	US-2004/0019001 A1	01-29-2004	McSwiggen	All
	U8	US-2004/0018176 A1	01-29-2004	Tolentino et al.	All
	U9	US-2004/0009152 A1	01-15-2004	Mohapatra et al.	All
	U10	US-2004/0002077 A1	01-01-2004	Taira et al.	All
	U11	US-2003/0198624 A1	10-23-2003	Mohapatra et al.	All
PS	U12	US-2003/0190635 A1	10-09-2003	McSwiggen	All

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
PS	F1	WO 2005/056021 A1	06-23-2005	Univ. of South Florida	All	
	F2					
	F3					
	F4					

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4/19/07

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/544,146
Sheet	2	of	5	Filing Date	August 2, 2005
				First Named Inventor	Shyam S. Mohapatra
				Art Unit	1646
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				Attorney Docket Number	USF-T193XC1

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RS	U13	US-2003/0175950 A1	09-18-2003	McSwiggen	All
1	U14	US-2003/0175772 A1	09-18-2003	Wang	All
	U15	US-2003/0170891 A1	09-11-2003	McSwiggen	All
	U16	US-2003/0166282 A1	09-04-2003	Brown et al.	All
	U17	US-2003/0157691 A1	08-21-2003	Qin et al.	All
	U18	US-2003/0148519 A1	08-07-2003	Engelke et al.	All
	U19	US-2003/0143732 A1	07-31-2003	Fosnaugh et al.	All
	U20	US-2003/0139363 A1	07-24-2003	Kay et al.	All
	U21	US-2003/0068333 A1	04-10-2003	Mohapatra et al.	All
	U22	US-2002/0173478 A1	11-21-2002	Gewirtz	All
	U23	US-10/544,145	08-02-2005	Mohapatra et al. (patent application)	All
	U24	US-10/581,580	06-02-2006	Mohapatra et al. (patent application)	All
RS	U25	US-10/655,873	09-05-2003	Mohapatra et al. (patent application)	All

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Sheet	3	of	5	Application Number	10/544,146
				Filing Date	August 2, 2005
				First Named Inventor	Shyam S. Mohapatra
				Group Art Unit	1646
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				Attorney Docket Number	USF-T193XC1

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (In CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
BS	R1	ADELMAN, Z.N. et al. "RNA silencing of dengue virus type 2 replication in transformed C6/36 mosquito cells transcribing an inverted-repeat RNA derived from the virus genome" <i>J. Virology</i> , 2002, 76:12925-12933.		
	R2	ADELMAN, Z.N. et al. "Sindbis virus-induced silencing of dengue viruses in mosquitoes" <i>Insect Mol Biol.</i> , 2001, 10:265-273.		
	R3	ABBAS-TERKI, T. et al. "Lentiviral-mediated RNA interference" <i>Human Gene Therapy</i> , 2002, 13:2197-2201.		
	R4	BANCHEREAU, J. and STEINMAN, R.M. "Dendritic cells and the control of immunity" <i>Nature</i> , 1998, 392:245-252.		
	R5	BLAIR, C.D. et al. "Molecular strategies for interrupting arthropod-borne virus transmission by mosquitoes" <i>Clin Microbiol Rev</i> , 2000, 13:651-661.		
	R6	BUELER, H. "Adeno-associated viral vectors for gene transfer and gene therapy" <i>Biol Chem</i> , 1999, 380:613-622.		
	R7	CAPLEN, N. et al. "Specific inhibition of gene expression by small double-stranded RNAs in invertebrate and vertebrate systems" <i>Proc. Natl. Acad. Sci. USA</i> , 2001, 98:9742-9747.		
	R8	CAPLEN, N.J. et al. "Inhibition of viral gene expression and replication in mosquito cells by dsRNA-triggered RNA interference" <i>Mol Ther</i> , 2002, 6:243-251.		
	R9	ELBASHIR, S.M. et al. "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells" <i>Nature</i> , 2001, 411:494-498.		
	R10	FIRE, A. "RNA-triggered gene silencing" <i>Trends Genet</i> , 1999, 15:358-363.		
	R11	HAMMOND, S.M. et al. "Argonaute2, a link between genetic and biochemical analyses of RNAi" <i>Science</i> , 2001, 293:1146-1150.		
	R12	HO, L.J. et al. "Infection of human dendritic cells by dengue virus causes cell maturation and cytokine production" <i>J Immunol</i> , 2001, 166:1499-1506.		
	R13	HUTVÁGNER, G. et al. "A cellular function for the RNA-interference enzyme dicer in the maturation of the <i>let-7</i> small temporal RNA" <i>Science</i> , 2001, 293:834-838.		

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Sheet	4	of	5	Application Number	10/544,146
				Filing Date	August 2, 2005
				First Named Inventor	Shyam S. Mohapatra
				Group Art Unit	1646
				Examiner Name	
				Attorney Docket Number	USF-T193XC1

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	R14	ILVES, H. et al. "Retroviral vectors designed for targeted expression of RNA polymerase III-driven transcripts: a comparative study" <i>Gene</i> , 1996, 171:203-208.			
	R15	KAY, M.A. et al. "Viral vectors for gene therapy: the art of turning infectious agents into vehicles of therapeutics" <i>Nature Med</i> , 2001, 7:33-40.			
	R16	LIBRATY, D.H. et al. "Human dendritic cells are activated by dengue virus infection: enhancement by gamma interferon and implications for disease pathogenesis" <i>J Virol</i> , 2001, 75:3501-3508.			
	R17	LUDEWIG, B. et al. "Protective antiviral cytotoxic T cell memory is most efficiently maintained by restimulation via dendritic cells" <i>J Immunol</i> , 1999, 163:1839-1844.			
	R18	MAROVICH, M. et al. "Human dendritic cells as targets of dengue virus infection" <i>J Investig Dermatol Symp Proc</i> , 2001, 6:219-224.			
	R19	MEN, R. et al. "Dengue type 4 virus mutants containing deletions in the 3' noncoding region of the RNA genome: analysis of growth restriction in cell culture and altered viremia pattern and immunogenicity in Rhesus monkeys" <i>J Virol</i> , 1996, 70:3930-3937.			
	R20	PAUL, C.P. et al. "Effective expression of small interfering RNA in human cells" <i>Nature Biotech</i> , 2002, 20:505-508.			
	R21	PONNAZHAGAN, S. et al. "Adeno-associated virus type 2-mediated transduction of human monocyte-derived dendritic cells: implications for ex vivo immunotherapy" <i>J Virol</i> , 2001, 75:9493-9501.			
	R22	PROUTSKI, V. et al. "Secondary structure of the 3' untranslated region of flaviviruses: similarities and differences" <i>Nucleic Acids Res</i> , 1997, 25:1194-1202.			
	R23	PROVOST, P. et al. "Ribonuclease activity and RNA binding of recombinant human Dicer" <i>Embo J</i> , 2002, 21:5864.			
	R24	RAUSCHER, S. et al. "Secondary structure of the 3'-noncoding region of flavivirus genomes: comparative analysis of base pairing probabilities" <i>RNA</i> , 1997, 3:779-791.			
	R25	ROY, K. et al. "Oral gene delivery with chitosan-DNA nanoparticles generates immunologic protection in a murine model of peanut allergy" <i>Nat Med</i> , 1999, 5:387-391.			
U	R26	SRIVASTAVA, A. "Obstacles to human hematopoietic stem cell transduction by recombinant adeno-associated virus 2 vectors" <i>J Cell Biochem Suppl</i> , 2002, 38:39-45.			

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	R27	STÄMPFLI, M.R. et al. "GM-CSF transgene expression in the airway allows aerosolized ovalbumin to induce allergic sensitization in mice" <i>J Clin Invest</i> , 1998, 102:1704-1714.		
	R28	STARK, G.R. et al. "How cells respond to interferons" <i>Annu Rev Biochem</i> , 1998, 67:227-264.		
	R29	TUSCHL, T. "Expanding small RNA interference" <i>Nature Biotechnol.</i> , 2002, 20:446-448.		
	R30	VAUGHN, D.W. et al. "Dengue in the early febrile phase: viremia and antibody responses" <i>J Infect Dis</i> , 1997, 176:322-330.		
	R31	WALTER, D.M. et al. "IL-18 gene transfer by adenovirus prevents the development of and reverses established allergen-induced airway hyperreactivity" <i>J Immunol</i> , 2001, 166:6392-6398.		
	R32	WU, S.J. et al. "Human skin Langerhans cells are targets of dengue virus infection" <i>Nature Med</i> , 2000, 6:816-820.		
✓	R33	ZAISS, A-K. et al. "Differential activation of innate immune responses by adenovirus and adeno-associated virus vectors" <i>J Virol</i> , 2002, 76:4580-4590.		
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Examiner Signature	<i>R. Shyam</i>	Date Considered	11/10/07
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